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TITLE: Acaricides containing phenyl isothiocyanate
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PATENT ASSIGNEE(S): Kao Corp., Japan
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AB The acaricides contain Ph isothiocyanate (I) and optionally perfumes selected from (A) sesquiterpenes, (B) essential oils containing sesquiterpenes, (C) alicyclic compds., and (D) aromatic compds. as pungent odor-masking components. I was mixed with a perfume composition containing cedrene
40, cedarwood oil 10, vetiverol 5, caryophyllene 5, and hinoki oil 35 parts at a weight ratio of 1:19 to give an acaricide, which was placed in a container (at 250 mg/50 g culture media) to show 100% control of ticks after 4 wk at 22-25° and relative humidity 75-85%. A flooring material was sprayed with the acaricide and left at room temperature for 3 days to show no pungent odor. Formulation examples are given.